INDEX TO VOLUME 175, JULY — DECEMBER, 1946

				_
- A -	Conducting coating for glass	275	Geophysical prospecting, aerial	80
	Contact-face alloy	84	Germicides from wild ginger	264
Abrasion, reducing tool		87	Ginger, germicides from wild	264
Accident costs, indirect		104 56	GLASS, coating conducts electricity	275 248
ADHESIVE, cold-run liquid		11	fibers, new uses of	85
foilgap-filling	Copper vs aluminum price	152	Gliders delivered by air	122
metal-to-metal	Cord, non-tangling appliance	272	GLUE, cold-run liquid	183
Advertising, value of		135	gap-filling	79
Aerial advertising, blimps for 24		35	gap-filling. in insulating board	20
AIR detects casting flaws		244		136
disinfection		254	Greases, multi-purpose	166
hammer, descaling	Coupling, flexible	133		
AIR CONDITIONING and cleaning 10			— H —	
draft control in	7		Hammer, air-operated descaling	275
in railroad cars	•		Hand trucks, light magnesium	231
AIRPLANE-auto combination 20		21	Hardness testing, production line	248
cabins, quieter	DDT	127	Hearing aid cell holder	85
cowling	formulas	79	HEAT, emergency source of	36 217
flying wing		223	transfer equipment	260
Globemaster cargo		182 181	HEATER, electrical space	272
noise, sources of		52	high frequency	274
sound-proofing.		275	Heaters, oil burning space	244
swept-back wing 21	steel	200	HEATING, methods of industrial	69
AIRPLANES, mass-produced	Detergents, synthetic 57	, 277	radiant	30 128
new ideas for private 20	Dial comparator	176	tests, homeunits, small	148
safer private		68		75
Airport maintenance, helicopters for	parts washing	222 100	Helicopters for airport maintenance HELIUM finds vacuum leaks	23
Alloy, electrical contact		177	shielded arc welding	29
Aluminized steel	Dilatometer, recording.	89	Home heating tests	128
ALUMINUM, copper-coated	Disk inspection, ruled lines aid	178	Horseshoes heated electronically	171
freight container	Dissolving machine, high speed	274	Humidity recorder, ink as	176 207
heat transfer units		153 27	Hydraulic rams, uses of	201
panels, plastics backed 21	Drill, heavy-duty air	178		
panels, structural	Dryer, print	272	-1-	
progress of		34	Icaroscope	269
vs copper price	2		Impact extrusions	111
Anti-foam agent, silicone	F —		Induction heater, dual purpose	274
Artificial limbs		65	Infra-red, sight by	21 176
ATOMIC POWER, cost of 13	motor, compact high-speed	36	Ink, humidity responsive Inks for rubber	227
plant	motor, stamped parts for	200	Insect repellent (d-Ter)	86
plant possibilities		272	INSECTICIDE, concentrated DDT	127
Automobile bodies, welding		254	new DDT	79
AVIATION laboratory		110	INSULATING board, glue in	20
	metal sorting	169	compound melting tanks	34
	Electropolishing	, 197	Insulation, water pipe	184 183
— B —	Electrostatic painting	252	Insulators, mica-ceramic	100
	Engine block, die-cast Extrusions, metal, by impact	56 111	_	
Bag sealer	3		-1-	
Ball grader, automatic 1 Barrel loader 2			Par kan	185
Battery, extra water capacity 2:			Jigs, box	100
BEARINGS, automatic grader for 1	5 FABRIC, acid resistant	134	- K -	
miniature anti-friction	elastic cotton	279 59	•••	
	7 shrink-proof rayon	270	Kleinschmidt compression-distillation	153
Bit, expansion power driven		168		
Blasting bags		251	- L -	
Blind rivet, hollow 2	8 Factory paints, selecting	123		00
Boilers, weided locomotive	9 Fan, window circulating	39	Lacquer, translucent auto	251
	Fiberglas, new uses of	248	LAMP, bactericidal	
BRAKE, controllable tension		233 226	hand incandescent	181
	6 inspection	175	portable fluorescent	82
Brass cleaner			Latex, natural and synthetic	100
Brazing alloys, silver		204	LATHE, automatic conversion	176
BUILDING codes, need for improved	4 hazards in plastics	201	tools, rigid	34 130
	Flame cutting distortion prevented	224	vacuum-grip speed	
Buses, future	1 Floor cleaner	176	Letter stamper	
Business, big and little, interrelated 2	FLUORESCENT lamp, film for	226	Lightning, engineered fluorescent	172
	light, portablelighting, engineered	82 172	Liquid level gage, electronic	23
-c-			Locomotive, coal-burning turbine Locomotives, mass-production of	76 196
	Fluorine, commercial production of		Looms, electronic control for	211
	0	15 17	Loupe, head band	277
	safer private	72	LOW-TEMPERATURE machining 104.	
Cargo airplane	2 Foods, future of frozen	100	parts fitting	128
CASTING flaws, air detects	Freight container, aluminum	37	Lubricant, stopcock	178 166
resin, Plastitool	Freen foods future of	204 100	Lubricants, multi-purpose Lubricating oil, re-refining	274
	Wenit counter electrical	230	Luminous dots	273
Commented carolide tool macres				
Ceramic-coated steel	g FUEL filter	68	— M —	
Ceramic-coated steel	FUEL filter			
Ceramic-coated steel 2 Chemicals from wood . Chemists, work of women 2 Chromium plated piaton rings 1	3 oils, improved	66		245
Ceramic-coated steel 2 Chemicals from wood . Chemists, work of women 2 Chromium plated piaton rings 1	oils, improved	219	MACHINE design, weldments in	
Ceramic-coated steel 2 Chemicals from wood . Chemists, work of women 2 Chromium plated piston rings 1 Chuck, speed 1 Circle cutting tool .	oils, improved. Fuels, synthetic. Fuse pulling tool.	219	MACHINE design, weldments in	52
Ceramic-coated steel 2	oils, improved. Fuels, synthetic. Fuse pulling tool.	219	MACHINE design, weldments in	
Ceramic-coated steel 2 Chemicals from wood Chemists, work of women 2 Chromium plated piston rings 1 Chuck, speed Circle cutting tool Clothing, acid resistant COAL acids in plastics	oils, improved. Fuels, synthetic. Fuse pulling tool.	219	Machining, low temperature	104
Ceramic-coated steel 2 Chemicals from wood. Chemists, work of women 2 Chromium plated piston rings 1 Chuck, speed. 1 Circle cutting tool 2 Clothing, acid resistant 1 COAL acids in plastics. 2 burning underground 2 Coal-burning turbine, powdered.	33 oils, improved	219 277	tool depreciation Machining, low temperature MAGNESIUM, anodized demogras vibration	104 107 152
Ceramic-coated steel 2 Chemicals from wood . Chemists, work of women 2 Chromium plated piston rings 1 Chuck, speed 1 Circle cutting tool . Clothing, acid resistant 1 COAL acids in plastics 2 burning underground 2 Coal-burning turbine, powdered . Coffer coasting, electronic	oils, improved. 12 Fuels, synthetic. 13 Fuels pulling tool 14 Fuels pulling tool 15 GAGE, dial snap.	219 277 275	tool depreciation Machining, low temperature MAGNESIUM, anodized dampens vibration hand truck	104 107 152 231
Ceramic-coated steel 2 Chemicals from wood. Chemists, work of women 2 Chromium plated piston rings 1 Chuck, speed. 1 Circle cutting tool 2 Clothing, acid resistant 1 COAL acids in plastics 2 burning underground 2 Coal-burning turbine, powdered 2 Coffee roasting, electronic 2 Coin-changer, automatic 2	Oils, improved.	219 277 275 89	tool depreciation Machining, low temperature MAGNESIUM, anodized dampens vibration hand truck unlimited	104 107 152 231 53
Ceramic-coated steel 2 Chemicals from wood. Chemists, work of women 2 Chromium plated piston rings 1 Chuck, speed. 1 Circle cutting tool 2 Clothing, acid resistant 1 COAL acids in plastics 2 burning underground 2 Coal-burning turbine, powdered 2 Coffee roasting, electronic 2 Coin-changer, automatic 2	Oils, improved.	219 277 275 89 134	tool depreciation Machining, low temperature MAGNESIUM, anodized dampens vibration hand truck unlimited Magnets, non-metallic	104 107 152 231 53
Ceramic-coated steel 2 Chemicals from wood. Chemists, work of women 2 Chromium plated piston rings 1 Chuck, speed. 1 Circle cutting tool 2 Clothing, acid resistant 1 COAL acids in plastics. 2 burning underground 2 Coal-burning turbine, powdered 2 Coffee roasting, electronic 2 Coin-changer, automatic 2 Color chip manual 1 Communication, plant-truck 3	oils, improved. Fuels, synthetic. Fuse pulling tool. GAGE, dial snap. dial type marked in decimals. wire plug. GAS detectors. imprities, detecting.	219 277 275 89 134 83 39	tool depreciation Machining, low temperature MAGNESIUM, anodized dampens vibration hand truck unlimited Magnets, non-metallic Magnifier, head band Marker, roller conveyor	104 107 152 231 53 20 277 278
Ceramic-coated steel 2 Chemicals from wood. Chemists, work of women 2 Chromium plated piston rings 1 Chuck, speed 1 Circle cutting tool. Clothing, acid resistant 1 COAL acids in plastics. 2 burning underground 2 Coal-burning turbine, powdered Coffee roasting, electronic Coin-changer, automatic 2 Color chip manual 1 Communication, plant-truck 2 Comparator, dial 1 Comparator, dial 1 Compression distillation 1	oils, improved. 19 Fuels, synthetic. 10 Fuse pulling tool. 10 GAGE, dial snap. 11 dial type marked in decimals. 12 wire plug. 13 GAS detectors. 15 impurities, detecting. 15 turbine power plant.	275 89 134 83 39 127	tool depreciation Machining, low temperature MAGNESIUM, anodized dampens vibration hand truck unlimited Magnets, non-metallic Magnifier, head band Marker, roller conveyor	52 104 107 152 231 53 20 277 278 148
Ceramic-coated steel 2 Chemicals from wood . Chemists, work of women 2 Chromium plated piston rings 1 Chuck, speed 1 Circle cutting tool . Clothing, acid resistant 1 COAL acids in plastics 2 burning underground 2 Coal-burning turbine, powdered . Coffee roasting, electronic . Coin-changer, automatic . Color chip manual . Communication, plant-truck . Comparator, dial . Compression distillation . CONCRETE form spreaders, oiled	oils, improved. Fuels, synthetic. Fuse pulling tool. GAGE, dial snap. dial type marked in decimals. wire plug. GAS detectors. imprities, detecting.	275 89 134 83 39 127 65	tool depreciation Machining, low temperature MAGNESIUM, anodized dampens vibration hand truck unlimited Magnets, non-metallic	104 107 152 231 53 20 277 278

polishing, electrical temperature	250
METAL color indicates temperature. polishing, electrical rods, tungsten carbide sorting, electronic.	. 137, 197 must parts of
sorting, electronic Metal-economics, future of Metal-to-metal adhesives Metallized	276
	258 paniel atti-barnacle 60 Ceramica rivers
Metallized paper condensers METALS, electronic detection	nin t is manufulli laced
future, electronic detection of	Trees - American - Ame
future possibilities of uniform powdered Mica-ceramic insulators	110 Junitarings.
Missaceramic insulators	200 stainless
Microbes, counting, in air Microscopy, phase, Microwave lens antenna Moisture meters, uses of Moids, silling	183 temperature range, wide 171 Stethoscope, industrial 126 two-moplastic, modified 52 Stribuscope, industrial 126 two-moplastic, modified 52 Stribuscope, industrial 126 two-moplastics modified 126 two-moplastics modified 127
Moiet antenna	126 thermoplastic, modified 52 Strikes affect production 224 two-material laminates 32 Strikes affect production 229 windshield. 251 Sun, seems against the
Moisture meters, uses of Molds, silicone oil for Moon radio.	183 temperature range, wide 171 Stetcho brush, fountain 126 thermoplastic, modified 52 Stethoscope, industrial 127 two-material laminates 228 two-material laminates 251 Sun, seeing against the 129 windshields 8
Moon radio MOTOR buses, future	203 Plated of Switch about
	31 Poissing metals electrically 113
parts, stamped. Motorcycle trailer.	271 Pour enamel, high-temperature 137, 197
	Powdered metals uniform 68 Tool
	8 shortege of HOUSES cost of anticulum, new sources of
Murals, edge-lighted plastics	200 PRESS, bench and Teletype sheakage in
	pre-forming plastics 230 TELEVICION
- N -	Vessel RE indicator, electronic 36 tubes, mass-produced
Noise signi-	PRIVATE TO THE PRIVATE THE PRI
Noise, airplane Nuclear knowledge, growth of Nut, sealing Nylon rose	
Nut, sealing Nylon rope	255 Private planes, mass-produced 72 Tests, simulated-service Textile making, electronic control in Production line 120 Textile making, electronic control in 120 Textile making, electronic control i
Nylon rope	276 Dead must mature 120 meaning, electronic control in
	276 Production techniques, aircraft 120 228 Productivity vs strikes 159 Classic cotton TEXTILES, chemically treated classic cotton
-0-	228 Production techniques, aircraft 5 elastic cotton Productivity vs strikes 159 fast-color rayon fast-color rayon "felted".
OII adding	monofilament
OIL additives. burner combustion heads.	232 no-starch no-starch
burning space heaters cottonseed, extraction of	R _ Prestics coated
been for Catraction of	244 Rack, materials
heat for industry improved fuel lines, long life	4 Radar, marine 82 Tin, conserving Radioset Line Radioset
prosessing resin .	66 Radiators, improved 23 Titonian rack
prospecting, aerial removing salts from	36 RADIO facsimile 260 TOOL bit
re-refering suits from	80 microwayee 6
	274 to moon, printed
	14 Rafters pro 6-1
	RAILROAD CARS
	night-weight stainess conditioning in 224 TRUCK heist
	30 step, folding
	264 production of the producti
Oyster shells, plastics.	101 shrink-proof
- P _	Recrifer, small selenium 88 Refrigeration, industrial uses of 254 Percraft
1	Refrigeration, industrial uses of 254 RESEARCH departments 122 RESEARCH
PACKAGING, Waves to	Actiering dec unnamed" 140 Turbo-generates 40
PACKAGING, waxes for with plastics. PAINT, aluminum	Kettering, definition of 148, 157 oil company 196 to fail in 148 to 60 right to fail in 148
anti baruminum	60 trends 148
anti-barnacle plastics industrial uses of spray booths oil for	
industrial uses of spray booths, oil for walls of sints sints.	RIVET L Pacterioidal
Painting, electrostatic	168 steel-aluminum
APER, grease-proof	252 Rope, nylon. 113 -V - 195 RUBBER, colored 228 Vacuum leabe halima 6
mill slime controlled	inks for 203 lates, natural and synthetic 207 Valve seats, plastics 23 Valve seats, plastics 23 Valve seats, plastics 8 8 155 production, synthetic 100 isolating meeting meet
waxed 2 article size, light measurement of 1	265 latex, natural and synthetic 227 VIBRATION dampened by magnesium 152 synthetic, cost of 244 Viscosity industrial 132
article size, light measurement of	119 Synthetic, cost of
	20 Kutin, drug from buckwheat 4 Vise jaw caps 68
office, reduced efficiency of 100, 19 STROLEUM by-products 100, 19	20 Kutin, drug from buckwheat. 4 Vise jaw caps . 68 Vision testing equipment . 276 Vitamin Control of the caps . 276 Vitamin Control of the ca
	Voltage regulation ascorbate
onograph pick-up, vacuum tube. 3	12 St. Elmo's fee 5-1
onograph pick-up, vacuum tube. 3 otocopy exposure chart 8 otoelectric switch	SAW blade
Secretary awareh	86 lubricator, band - W -
otoprint dryer 13	Scientific and Brick 176 Watch, star time
e in- 1 incw inodel	
1	4 Pressure vessels
ton rings, chromium plated 219 ner, rotary 113	WELDER TOTAL
	wedge action
ticizer for combination 228	scienium rectifier, small 273 portable
10	Shaver holder 149 Shaver holde
nding auto door and seats 62 ndy color matching with 114	ct maps, accuracy of
of said matching with	
stad t 20	SILICONE anti formal shelded arc
ation to the state of the state	oil for molds
mbine 4	Paints
t - 204	
e pan	
ge-lighted 62	
ransparent 116	Smoke detection in
cavator cab window 268 panded 162	
cavator cab window 268 canded 162 rusion machine 26	Shipergone 120
avator cab window 268 anded 162 rusion machine 26 rics, monofilament 1	Sniperscope. 83 SOAP extender, liquid. 21 WIRE RECORDING, continuous 74 progress. 121
116	Sniperscope
116	Sniperscope
116	Sniperscope
Avator transparent 116 Avator transparent 268 anded 162 Fusion machine 266 Fusion machine 162 Fusion machine 1 1 Fusion machine 1 1 Fusion machine 201 Basilde box 88 Asaards of 116 Basilde box 201 Ba	Sniperscope
Avator at Transparent 1168 Avator at Transparent 1268 Avator at Transparent 1626 Fusion machine 162 Fusion machine 162 Fusion machine 1 163 A slide so 116 Assards of 116 Assards of 229 Assards of 52 Apressure 52 Apressure 249 Es. 249 Es. 216	Soil
116	Some state 129
116	Soiler Scope
avator cab various avator cab various cab	Soiperscope
avator cab window 168 avator cab window 168 anded 162 rusion machine 266 rusion machine 167 rics, monofilament 187 slide box 88 slide box 1166 hazards of 1166 hazards of 229 -sealing of 229 -sealing of 229 resealing of 162 quetion kit 162 quetion kit 162 quetion kit 162 nated, high pressure 169 nated, high pressure 249 ng 270 ng 270 nated, high pressure 249 nated, high pressure 249	Soil
Avator transparent 116 Avator transparent 268 Avator transparent 268 I 162 I 162 I 163 I 164 I 165 I 165 I 166 I 167	Soil

225 46